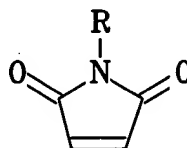


This listing of claims will replace all versions, and listings, of claims in the application:

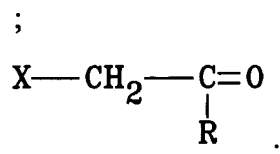
IN THE CLAIMS:

Claims 1-23 (canceled)

1 Claim 24 (currently amended): A composition comprising an inactivated
2 retrovirus, wherein the retrovirus is inactivated due to disruption of one or more CCHC
3 zinc fingers by contact with a compound selected from the group consisting of:
4 disulfides having the formula R-S-S-R;



5 maleimides having the formula



6 alpha-halogenated ketones having the formula
7 hydrazides having the formula R-NH-NH-R;
8 nitric oxide ~~and derivatives containing the NO group~~;
9 cupric ions and complexes containing Cu⁺²; and
10 ferric ions and complexes containing Fe⁺³;
11 wherein the compound is not ~~a C-nitroso compound of the formula R-~~
12 ~~C-NO~~ 5,5-Dithiobis(2-Nitrobenzoic Acid), and wherein R is any atom or molecule, and
13 X is selected from the group consisting of F, I, Br and Cl, and wherein contacting said
14 retrovirus with said compound inactivates said retrovirus.

1 Claim 25 (currently amended): The composition of claim 24, wherein the
2 compound is selected from the group consisting of: Tetramethylthiuram Disulfide,
3 Tetraethylthiuram Disulfide, Tetraisopropylthiuram Disulfide, Tetrabutylthiuram
4 Disulfide, Dicyclopentamethylenethiuram Disulfide, Isopropylxanthic Disulfide,

5 O,O-Diethyl Dithiobis-(Thioformate), Benzoyl Disulfide, Benzoylmethyl Disulfide,
6 Formamidine Disulfide 2HCl, 2-(Diethylamino)ethyl Disulfide, Aldrithiol-2,
7 Aldrithiol-4, 2,2-Dithiobis(Pyridine N-Oxide), 6,6-Dithiodinicotinic Acid,
8 4-Methyl-2-Quinolyl Disulfide, 2-Quinolyl Disulfide, 2,2 Dithiobis(benzothiazole),
9 2,2-Dithiobis(4-Tert-Butyl-1-Isopropyl)-Imidazole, 4-(dimethylamino)phenyl disulfide,
10 2-Acetamidophenyl Disulfide, 2,3-Dimethoxyphenyl Disulfide, 4-Acetamidophenyl
11 Disulfide, 2-(Ethoxycarboxamido)phenyl Disulfide, 3-Nitrophenyl Disulfide,
12 4-Nitrophenyl Disulfide, 2-Aminophenyl Disulfide, 2,2 Dithiobis(benzonitrile), p-Tolyl
13 Disulfoxide, 2,4,5-Trichlorophenyl Disulfide, 4-Methylsulfonyl-2-Nitrophenyl Disulfide,
14 4-Methylsulfonyl-2-Nitrophenyl Disulfide, 3,3-Dithiodipropionic Acid,
15 N,N-Diformyl-L-Cystine, Trans-1,2-Dithiane-4,5-Diol, 2-Chloro-5-Nitrophenyl
16 Disulfide, 2-Amino-4-Chlorophenyl Disulfide, ~~5,5-Dithiobis(2-Nitrobenzoic Acid),~~
17 2,2-Dithiobis(1-Naphtylamine), 2,4-Dinitrophenyl p-Tolyl Disulfide, 4-Nitrophenyl
18 p-Tolyl Disulfide, and 4-Chloro-3-Nitrophenyl Disulfide ~~formamidine disulfide~~
19 ~~dihydrochloride.~~

1 Claim 26 (original): The composition of claim 24, wherein the compound
2 selected from the group consisting of disulfides having the formula R-S-S-R.

1 Claim 27 (original): The composition of claim 24, wherein the compound
2 is Aldrithiol-2.

1 Claim 28 (original): The composition of claim 24, wherein the retrovirus
2 is selected from the group consisting of *Lentiviruses* and *Oncoviruses*.

1 Claim 29 (original): The composition of claim 28, wherein said
2 retrovirus is an HIV-1 retrovirus.